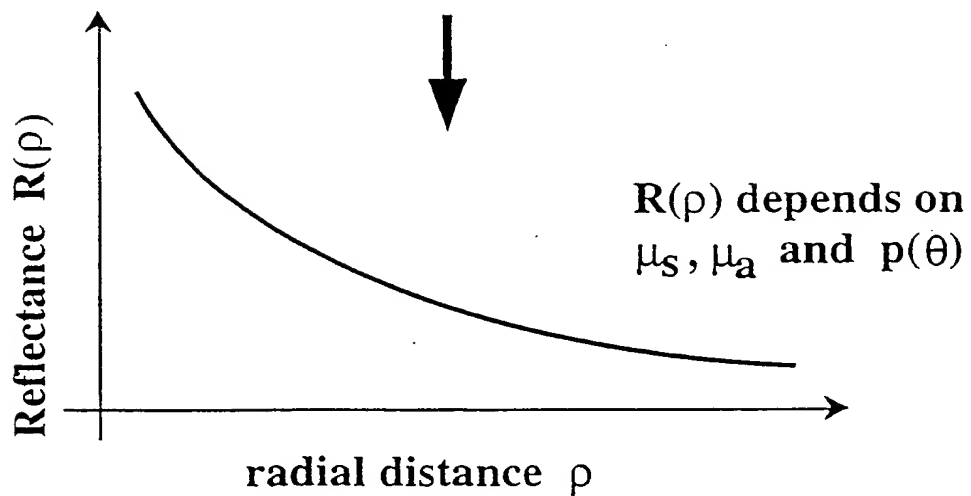
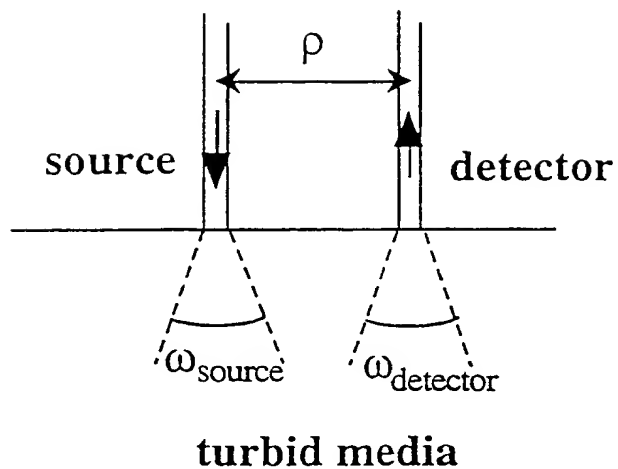


01/15

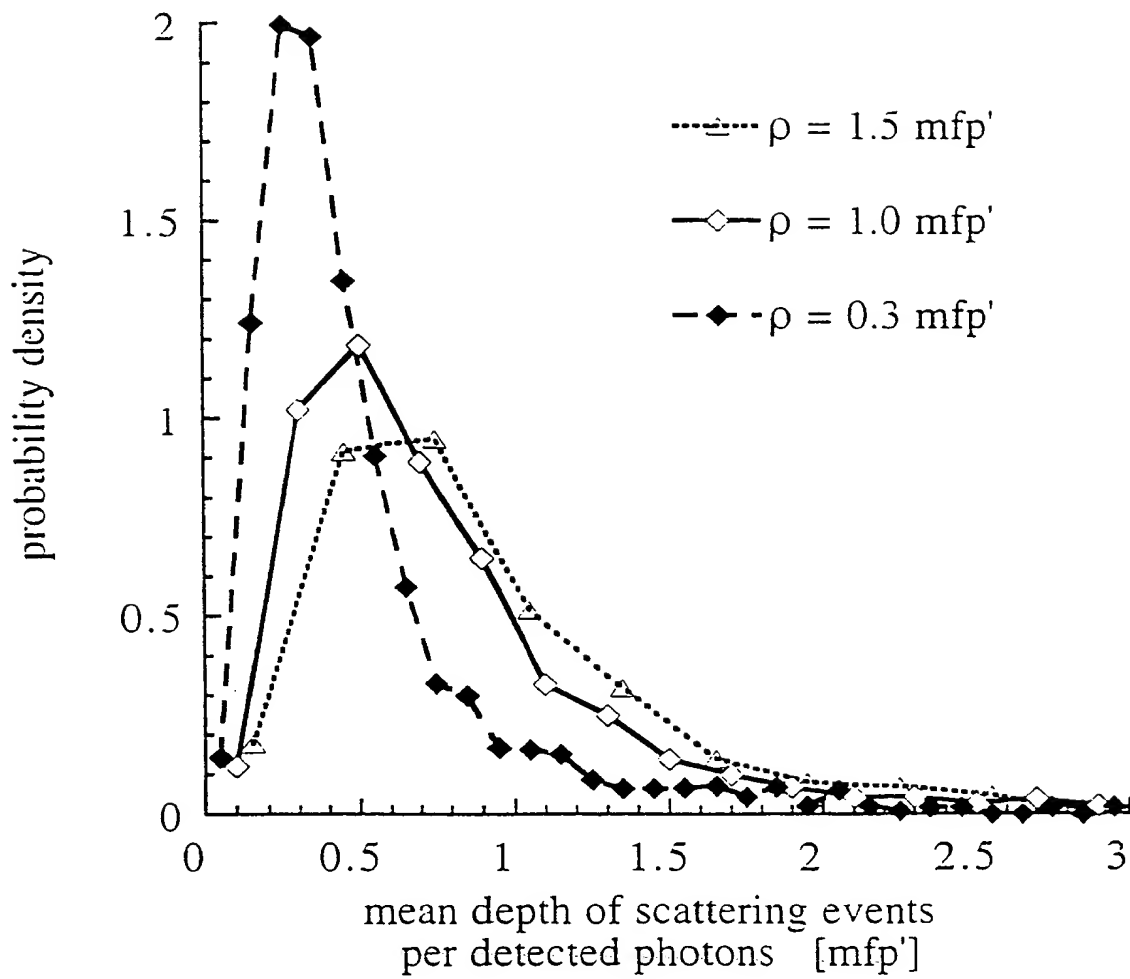
Fig.1



T05010-TE690560

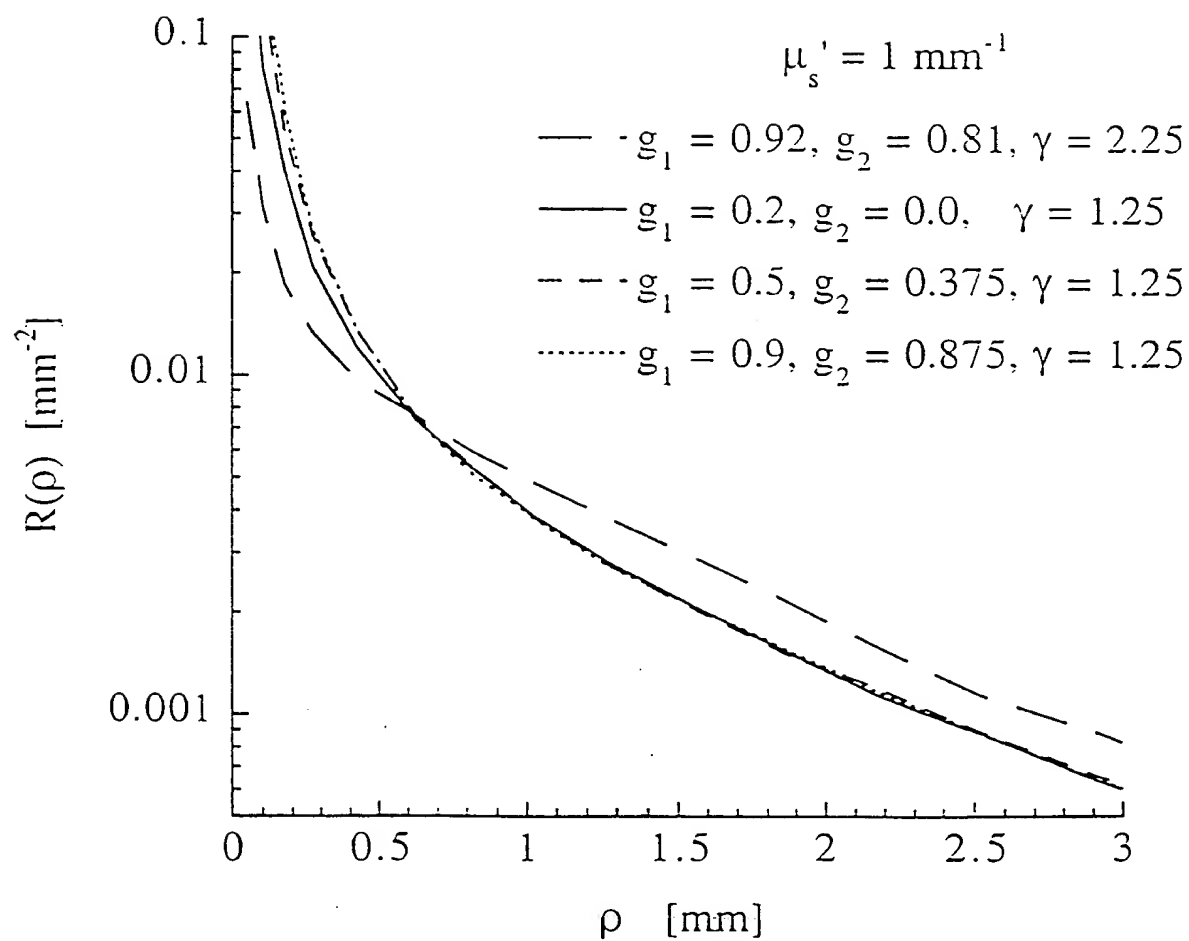
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Fig.2



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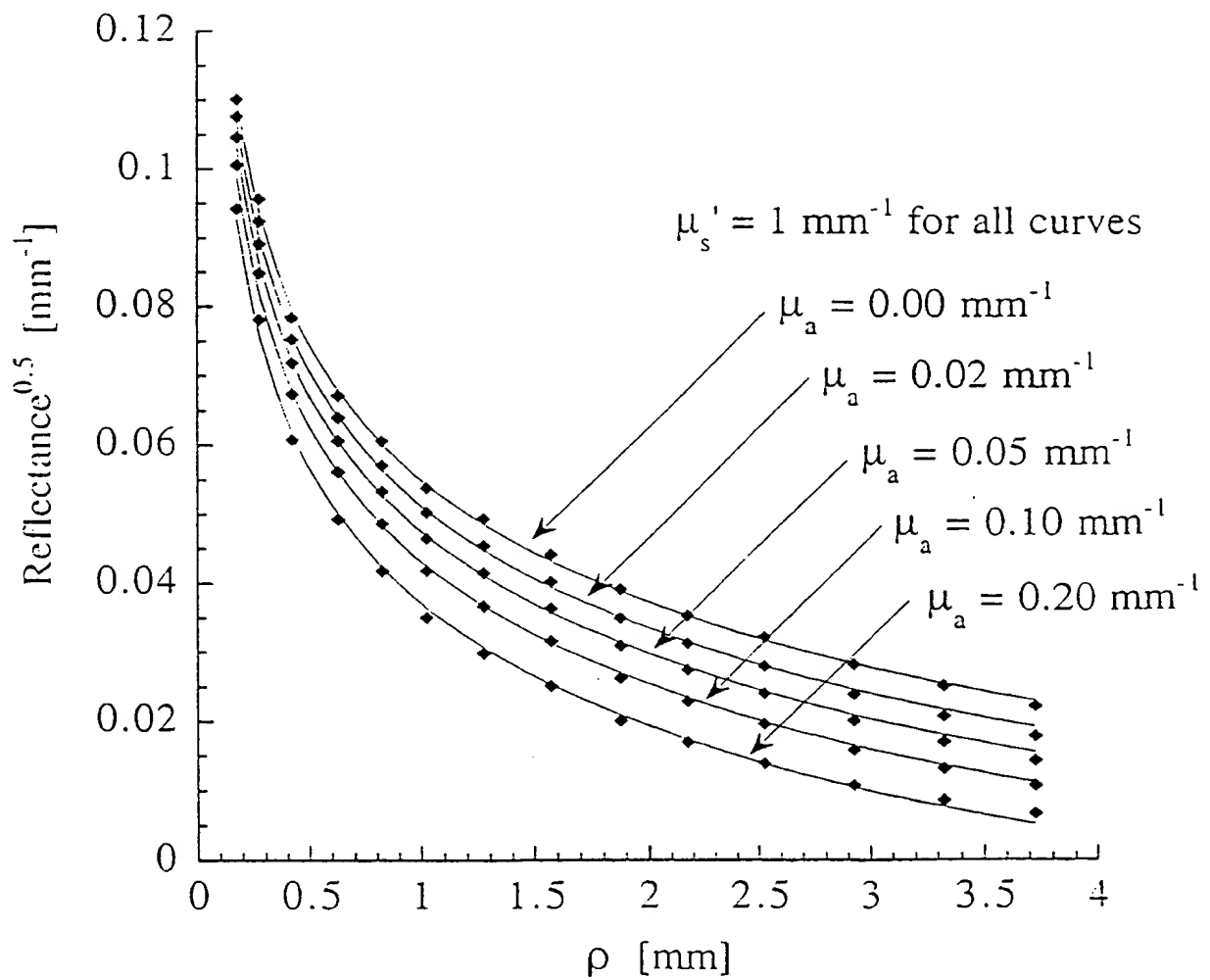
Fig. 3



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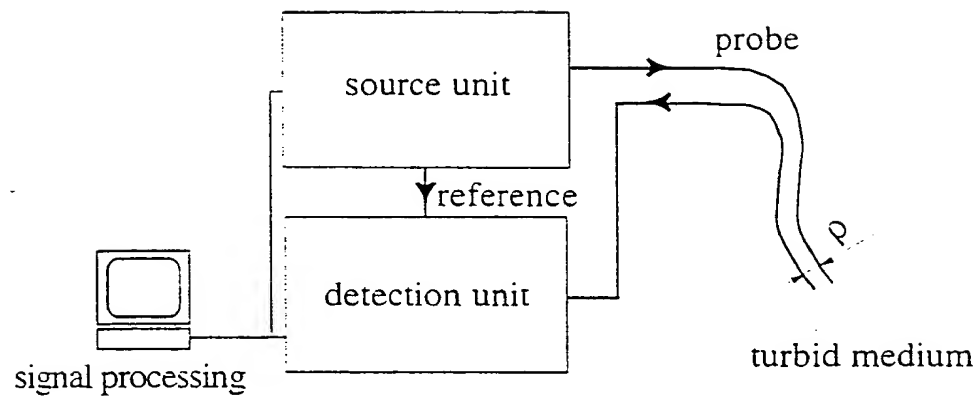
Fig. 4

♦ Monte Carlo simulations

— analytical form $R^{0.5} = A(\rho, \mu_s', \gamma) + \mu_s' B(\mu_a)$ 

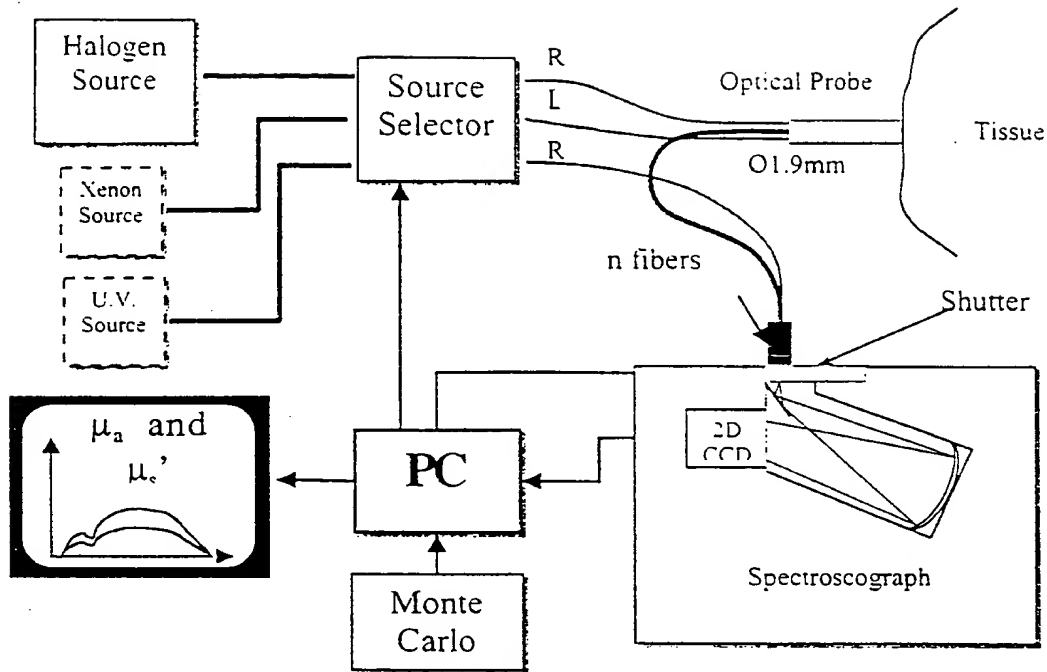
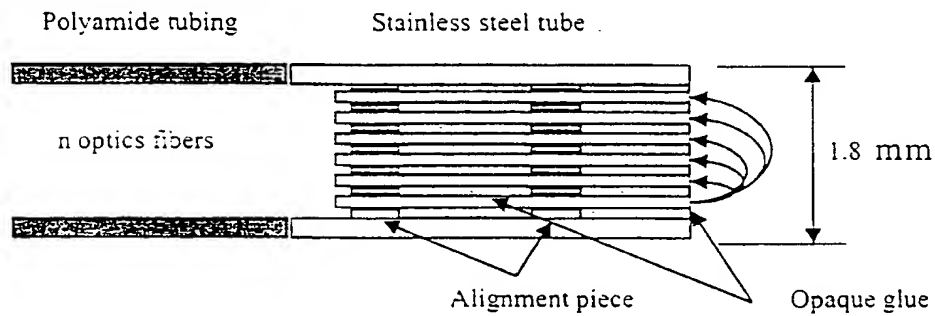
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Fig. 5a



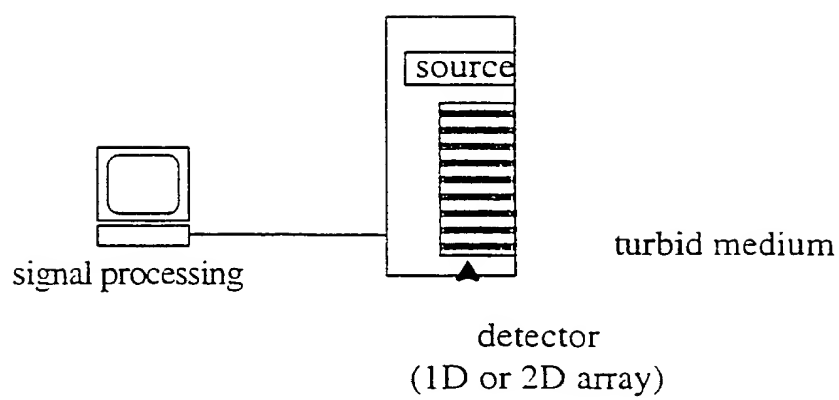
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Fig. 5.b

Apparatus:Details of the optical probe:

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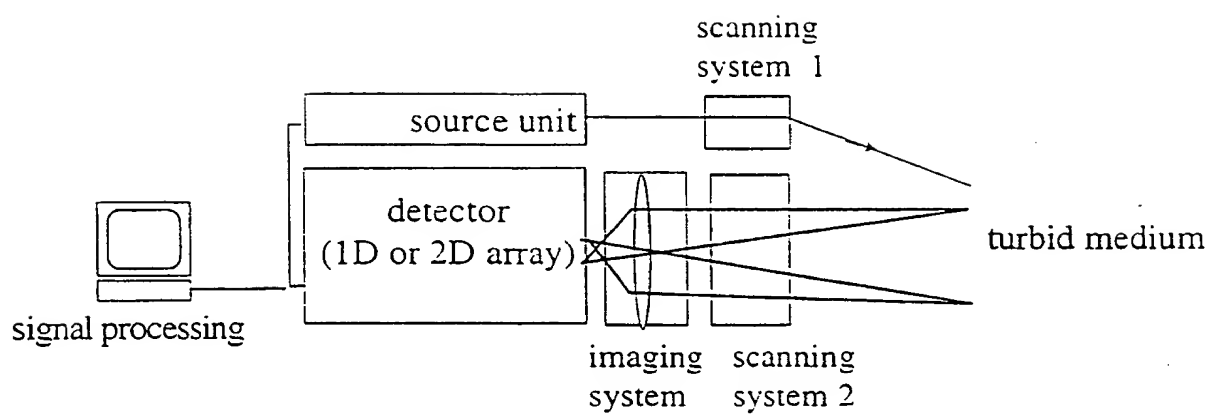
Fig. 5c



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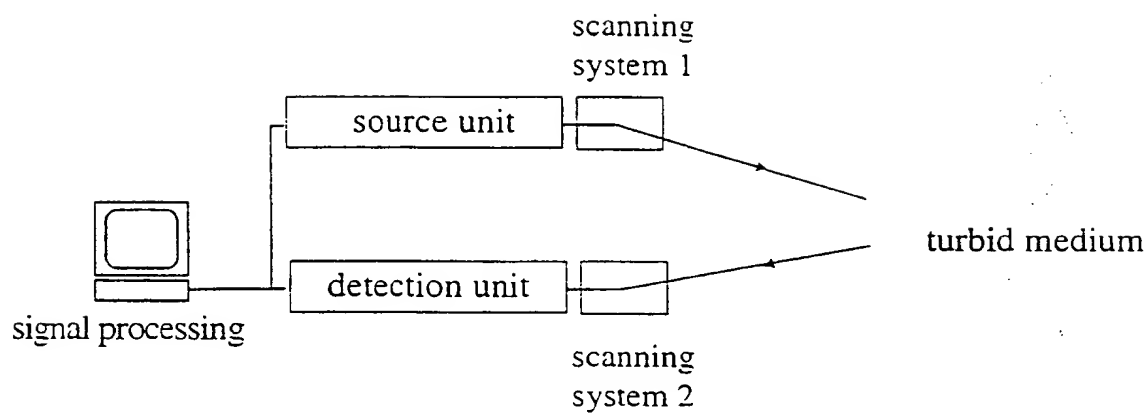
Fig. 5d



T03040-TE090800

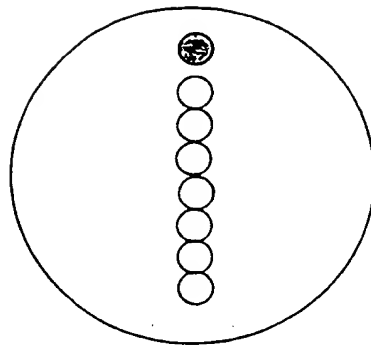
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Fig. 5e



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Fig.6a







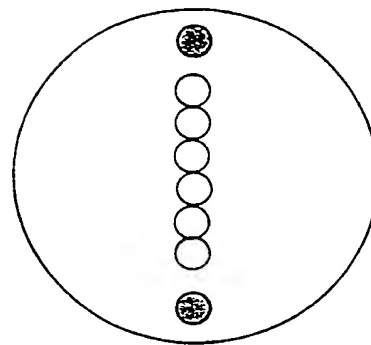
-  detecting fibers
-  illuminating fibers
- or
-  illuminating fibers
-  detecting fibers

Fig. 6b







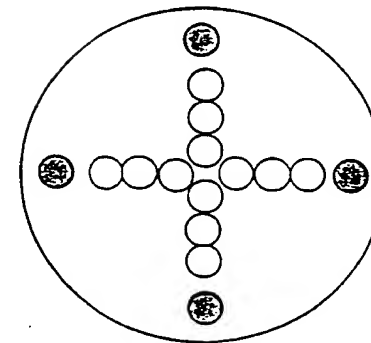
-  detecting fibers
-  illuminating fibers
- or
-  illuminating fibers
-  detecting fibers

Fig. 6c







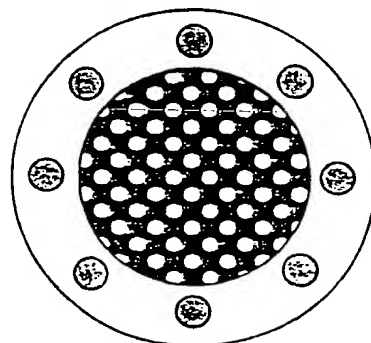


-  detecting fibers
-  illuminating fibers
- or
-  illuminating fibers
-  detecting fibers

Fig.6d

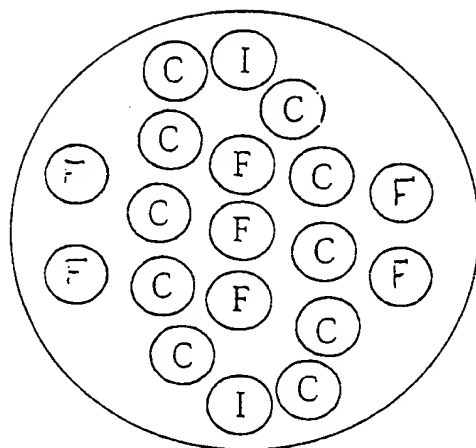


-  single core fiber
(detection or illumination)
-  multicore fiber or
bundle of optical fibers
(detection or illumination)

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Fig. 6e



I: Illuminating fibers

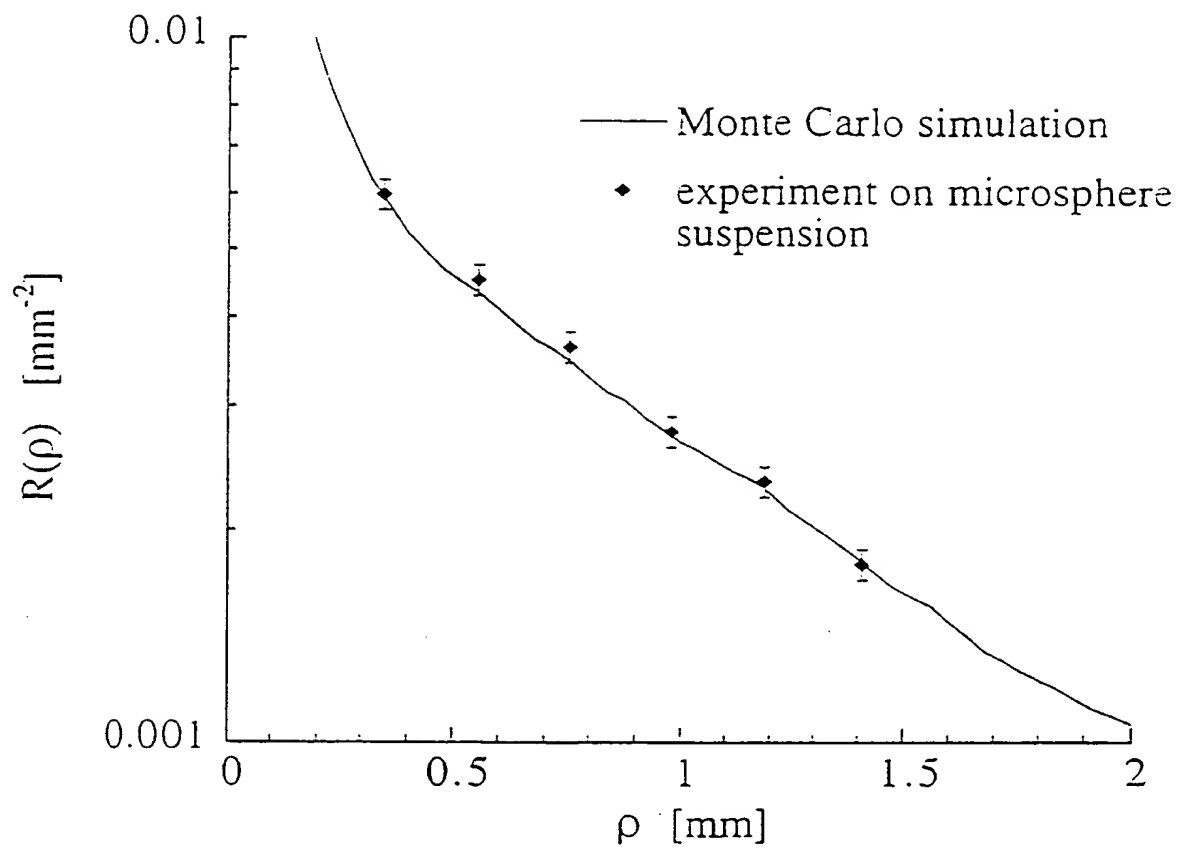
C: detecting fibers

F: additional fibers

T05070-TEB90560

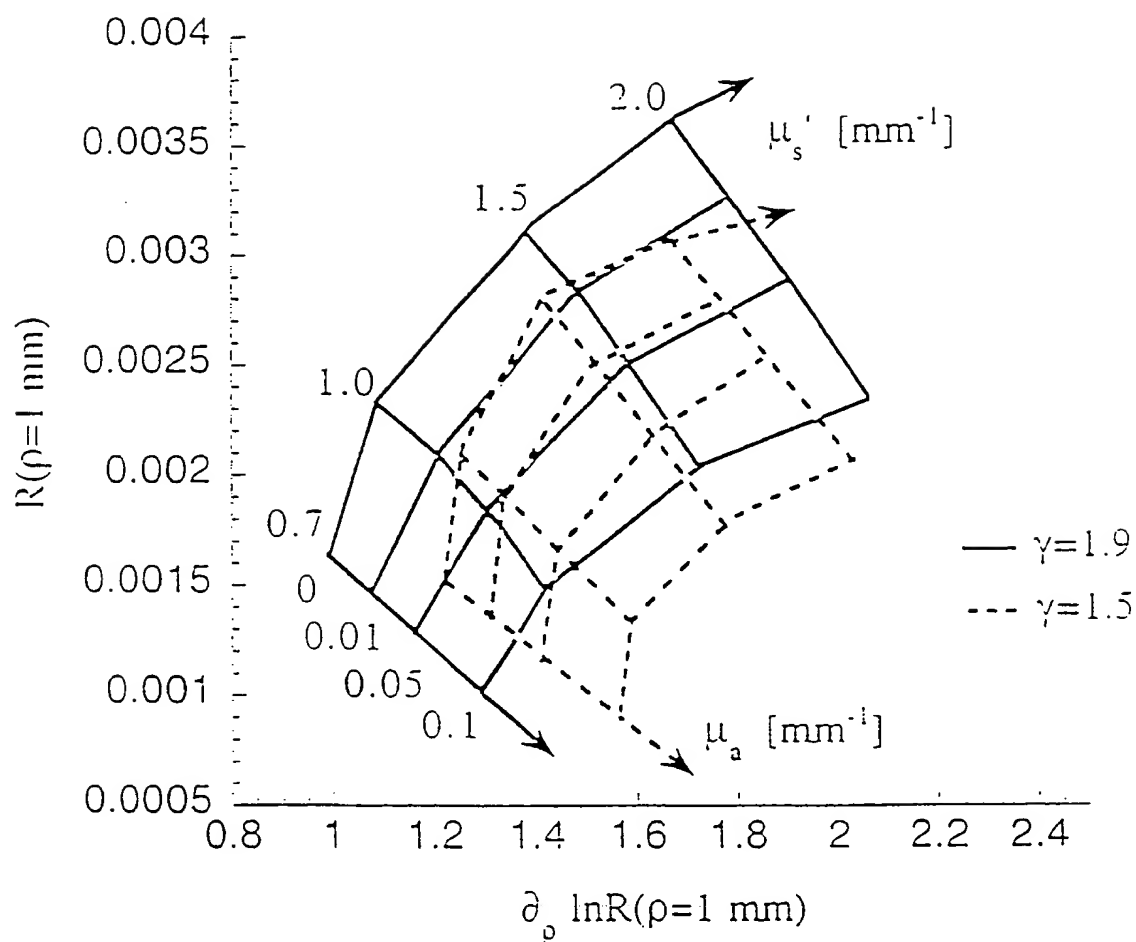
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Fig. 7



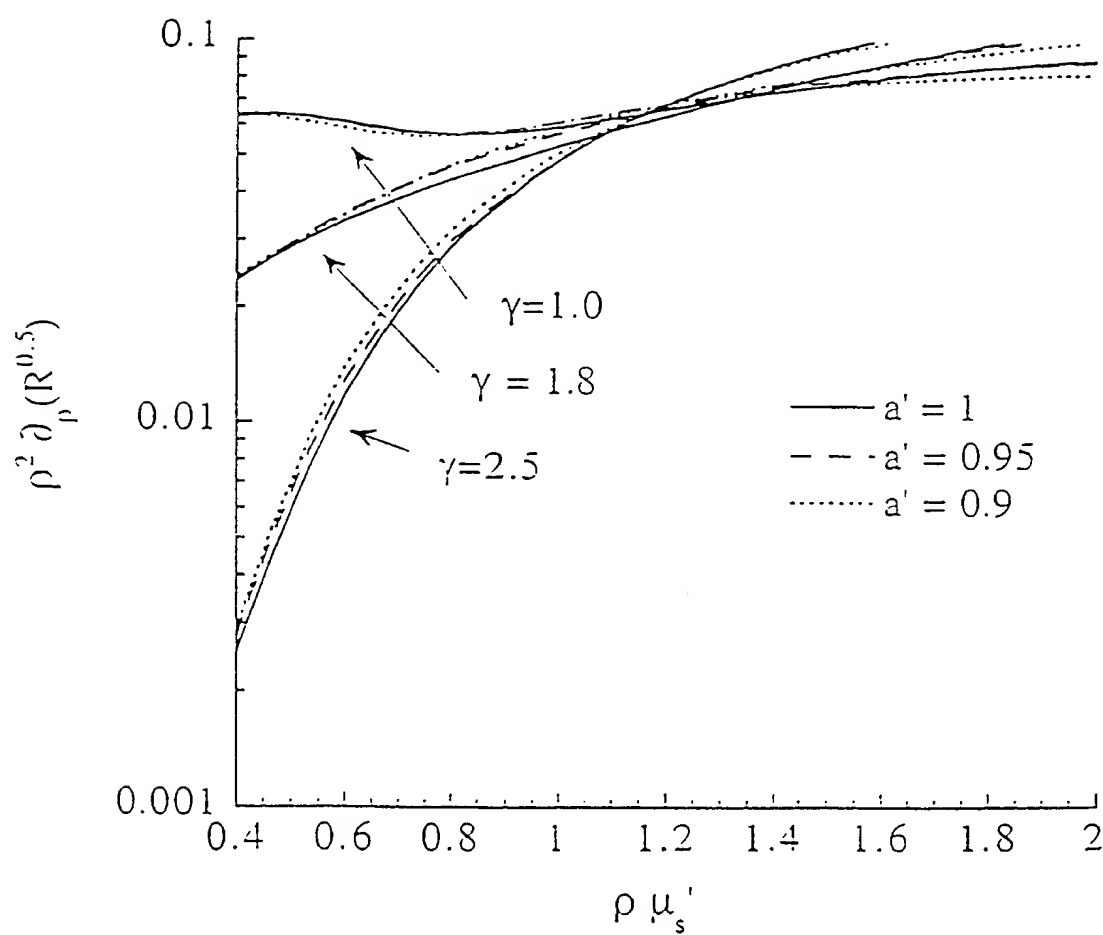
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Fig. 8



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Fig. 9



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Fig. 10

